S.H S.R. <u>I-90</u> SECTION <u>SR-5 to Vic. SR-405</u> Job No. <u>L-4203 (L-7579</u>)									
Hole No. <u>HX-1</u> Sub Section <u>3rd Lake Washington Floating Bridge</u> Cont. Sec. <u>1704</u>									
Statio	on <u>LM 11</u>	2+90		Offset <u>¶</u> Ground El. <u>-0.5</u>					
Туре	of Boring_	Chop_and	l Drive	Casing 3" I.D., -43.0' W.T. El. +9.3'					
Inspe	ctor	<u>.</u>	· · · · · · · · · · · · · · · · · · ·	Date February 18, 1983 Sheet 1 of 3					
ЕРТН	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL					
		1		Suspended WOOD GRAINS and SILT.					
	25		9 STD 9 PEN	Saturated SAND — with peat lenses. Dense, gray, wet, very silty, fine gravelly, fine to medium SAND — with organic material.					
<u> </u>			21 🎁 1						
		 							
		1	E A STD	Medium dense, gray, moist, very silty, fine SAND — with					
)	23		12 PEN 11 2 12	silty clay lenses and a trace of medium sand.					
5	19	1	11 STD 11 8 PEN 14 3	Very stiff, yellow-brown, wet, fine gravelly, silty, fine sandy CLAY					
		1							
	46		13 T PEN	Dense, gray, dry, very silty clayey, fine to coarse SAND — with a trace of fine gravel (Glacial Till).					
20		1	33 4 4						

DOT REVISED 12/79

Soil/Rock descriptions are derived Copy to District Administrator from visual field identifications and Copy to ---

laboratory tests. 54W107 Sheet 1 of 57 Sheets

Hole	Hole No. HX-1			on <u>3rd Lake Washington Floating Bridge</u> Sheet <u>2</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	 			
	 			the second secon
			31 A STD	
- 	113		57 PEN	Very dense, gray, dry, very silty, gravelly, fine to coarse SAND.
25.			56 🔰 5	
72.0				Artesian flow at -25 ft.: Head +11.5' above lake water at
.,	 			elevation +7.5'. Rise +6" in 4 min., in 3" diameter casing. Approximately 27 gallons per hour.
	 	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	water flow plugged off with sand and wash from hole, after casing was pulled back up to -20 ft. below ground elevation.
	ļ		27 A STD	
	100-		44 PEN	Very dense, gray, dry, very silty, gravelly, fine to coarse SAND.
30			56 🕇 6	
		 		
	 	[
	 		23 A STD	Very dense, gray, wet, silty, find to medium
	57		25 T PEN 32 V 7	SAND.
35			52 y /	
	 		20 A STD	The state of the s
	70		26 T PEN 44 V 8	Very dense, gray, wet, very silty, fine gravelly, fine to medium SAND.
40				The Court of the C
			,	
	 			
			14 A STD	Very dense, gray, dry, silty, fine to medium SAND — with fine
.45	06 -		39 T PEN	gravel, a trace of coarse sand and silty sand lenses.

DOT FORM 351-003A

84W107 Sheet 2 of 57 Sheets

Hole I	Hole No. HX-1 Sub Section 3rd Lake Washington Floating Bridge Sheet 3 of 3					
DEPTH		PROFILE		DESCRIPTION OF MATERIAL		
	86	_ *	7 ♥ 9			
				Test boring stopped at 45.5' below ground elevation.		
		†	· · · · ·	West porting scopped ac 45.5 Below ground electronions		
	ļ. .	1				
	ļ					
				NOTE: Artesian Head Information: Put 12 ft. of casing on, after drilling to bottom of hole at 45.5. Let casing stand		
				for over an hour. Head rose to +11.5' above water level.		
				for over an hour. Head rose to +11.5' above water level, slowing as it rose. It didn't appear to rise for several minutes after reaching height of +11.5'.		
		1				
-		-	<u> </u>	Water level (Lake Surface): +9.8' above ground elevation.		
		-		Water level (Lake Surface). +9.0 above ground elevation.		
	.	4				
······································	ļ	-				
		_	·			
]				
	 	-				
	-	1				
	-	-				
	 	_				
		_				
	-	7				
		-				
		_				
	<u> </u>	_				
	1	İ				

Sheet 3 of 57 Sheets

DOT FORM 351-003A

	S.H	S.R	<u>1-90</u> SECTI	ON <u>Jct. SR-5 to Vic. Jct., SR-405</u> Job No. <u>L-4203 (L-7579</u>)
Hole	No. <u>HX</u> -	2	Sub Section _3	ord Lake Washington Floating Bridge Cont. Sec. 1704
Stati	on	L ^M 10	09+20	. Offset <u>£</u> Ground El. <u>42.3'</u>
Туре	of Boring_	. Chop a	and Drive	Casing 3" I.D 45.0' W.T. El. 27.3'
Inspe	ctor	· • • • • • • • • • • • • • • • • • • •		Date <u>March 4, 1983</u> Sheet <u>1</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
				Sod, organic, sandy SILT.
		-*-	-	Blue-gray, clayey SILT.
. 5				
	15		7 4 1 -4	Medium dense, brown, moist, very silty, fine gravelly, fine to medium SAND.
	13		7 1	
]		
10				
	14		16 A STD 9 PEN	No recovery, (medium dense, brown, gravelly, silty SAND.)
	14		5 2 14 Y	
		242		
		· A·		
15				
	33		21 A STD 20 PEN	Dense, brown, wet, very silty, fine to coarse sandy, fine GRAVEL.
,			13 3 12 Y	
	ļ			
<u>. i</u>				
. 20.				
700	. FÖRM 35 REVISED	1-003 12/7 9	description identifica	summary Log of Test Boring. Soil/RockOrlginal to Materials Engineer ns are derived from visual field Copy to District Administrator tions and laboratory tests.

25 20	Hole No. HX-2 Sub Section				n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>2</u> of <u>3</u>
25 27 4 partings. 26 28 4 partings. 27 29 4 partings. 28 20 STD Very dense, gray-brown, moist very silty, fine SAND — with some of the solution of the sand and silt pertings, a trace of coarse sand a gravel. (Glacial Times of the sand seams and commentations.) 28 30 STD Very dense, tan, moist, layers of clayey SILT — fine graves. 29 STD Very dense, tan, moist, layers of clayey SILT — fine graves. 20 PEN and fine sand with fine sand seams and commentations. 31 SAND layer. 32 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL PEN with a trace of medium to coarse sand and fine gravel. 39 STD Dense, brown, moist, very silty, fine SAND — with a trace of pen fine gravel.	BLOWS PER FT.	OWS FT. PI	ROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
35 PEN silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 STD Very dense, tan, moist, layers of clayey SILT — fine grave 20 PEN and fine sand with fine sand seams and cementations. 36 6 SAND layer. 21 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL 21 PEN with a trace of medium to coarse sand and fine gravel. 35 7 53 7 53 7 53 Pense, brown, moist, very silty, fine SAND — with a trace of medium to coarse sand and fine gravel.	37	,		15 T PEN 22 J 4	Dense, gray-brown, moist, very silty, fine SAND — with some partings.
35 PEN silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 silt partings, a trace of coarse sand a gravel. (Glacial Ti 51 V 5 silt partings, a trace of coarse sand a gravel silt pen gravel. 36 SAND layer. 37 SAND layer. 38 SAND layer. 39 SAND layer. 21 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL pen with a trace of medium to coarse sand and fine gravel. 30 PEN with a trace of medium to coarse sand and fine gravel. 31 STD Dense, brown, moist, very silty, fine SAND — with a trace pen gravel. 31 STD Dense, brown, moist, very silty, fine SAND — with a trace pen gravel.					
15 STD Very dense, tan, moist, layers of clayey SILT — fine grave and fine sand with fine sand seams and cementations. 36 6 33 SAND layer. 21 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL very with a trace of medium to coarse sand and fine gravel. 40 25 STD Dense, brown, moist, very silty, fine SAND — with a trace fine gravel.	96	6		35 PEN	Very dense, gray-brown, moist very silty, fine SAND — with silt partings, a trace of coarse sand a gravel. (Glacial Till).
56 STD Very dense, tan, moist, layers of clayey SIL1 — fine grave and fine sand with fine sand seams and cementations. 36					
21 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL PEN with a trace of medium to coarse sand and fine gravel. 36 7 53 40 25 STD Dense, brown, moist, very silty, fine SAND — with a trace fine gravel.	56	56		20 T PEN 36 L 6	Very dense, tan, moist, layers of clayey SILT — fine gravel, and fine sand with fine sand seams and cementations.
21 STD Very dense, tan-gray, moist, interbedded fine SAND and SIL 21 PEN with a trace of medium to coarse sand and fine gravel. 36 7 7 53 25 STD Dense, brown, moist, very silty, fine SAND — with a trace 20 PEN fine gravel. 20 8			1		SAND layer.
25 STD Dense, brown, moist, very silty, fine SAND — with a trace 20 PEN fine gravel. 20 8	57	57		21 T PEI	Very dense, tan-gray, moist, interbedded fine SAND and SILT — with a trace of medium to coarse sand and fine gravel.
25 STD Dense, brown, moist, very silty, fine SAND — with a trace 20 PEN fine gravel. 20 8					
	40	40	 	20 T PE 20 8	D Dense, brown, moist, very silty, fine SAND — with a trace of N fine gravel.
Layer of very dense, sandy GRAVEL.					C C C C C C C C C C C C C C C C C C C

84W107 Sheet 5 of 57 Sheets

Hole N	1 0. <u>НХ</u>	- 2	Sub Sectio	on <u>3rd Lake Washington Floating Bridge</u> Sheet <u>3</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE		DESCRIPTION OF MATERIAL
. 47	60	<u> </u>	46 AaSTD 36 PEN 24 b9 28.	Very dense, brown, wet, silty, fine to coarse SAND — with fine gravel. Very dense, brown, moist, very silty, fine SAND — with a trace of fine gravel.
				Test boring stopped at 47.0' below ground elevation.
	,		• • • • • • • • • • • • • • • • • • • •	

Sheet 6 of 57 Sheets

84W107

DOT FORM 351-603A

	Offset 30' Lt. Ground El76.5'
Chop and Drive	Casing 4" I.D87.5', 3" I.D. W.T. El. +7.5'
	Date March 3, 1983 Sheet 1 of 3
PROFILE SAMPLE TUBÉ NOS.	DESCRIPTION OF MATERIAL
A	
1 A STD	
1 pfn	se gray, moist, slightly clayey, fine sandy SILT.
5	y y i ay y mulais an y mily tayey , i me asing air i
7 ₁₀ PEN Medium d	lense, gray, moist, slightly clayey, fine sandy SILT.
12 2	conset, gray, mensor, or grown or endoy, the camer of
- 26 A : STD 40	
42 V 3 (Sandy C	nse, gray, moist, slightly clayey, fine sandy SILT — Glacial Till).
- 17	· · · · · · · · · · · · · · · · · · ·
Very der	nse, gray, dry, fine gravelly, very silty, fine to
1 1 1 1 1	SAND (Glacial Till).
65 4 4	
? ³ / ₄ ? − 23 ♠ 53 − 53 − 65 − 65 − 65 − 65 − 65 − 65 −	Very der STD coarse ! PEN

identifications and laboratory tests.

84W107 Sheet 7 of 57 Sheets COPY to ______

Hole	No. <u>HX</u>	-3	Sub Section	n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>Z</u> of <u>3</u>		
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL		
	ļ			Vanu dense gnow day fine gnovelly years silty fine to		
	50/3"		56 ▲ STD 50 ▼ PEN	Very dense, gray, dry, fine gravelly, very silty, fine to coarse SAND (Glacial Till).		
			3" 5			
25						
			56 A STD	Very dense, gray, dry, fine gravelly, very silty, fine to coarse SAND (Glacial Till).		
	50/1"		50 ▼ PEN 1" 6	Source Same (States)		
30						
	ļ					
	ļ <u>.</u>					
			STD	Very dense, gray, dry, fine gravelly, very silty, fine to		
35	94/6"		94 5 PEN 7	coarse SAND (Glacial Till).		
	-		<u> </u>	Fri-cone drill bit went through, or past, large gravels at		
	 	1	,	this depth.		
40			36 A STD	Very dense, gray, dry, fine gravelly, very silty, fine to coarse SAND (Glacial Till).		
	106/10."		36 ★ SID 56 ★ PEN 50 ★ 8			
	-		4"	Tri-cone drill bit went alongside, or through, large gravels		
	-	-		at this depth.		
	1	_				
15	l .	1 1	ke ♣ stn			

Sheet 8 of 57 Sheets

DOT FORM 351-803A REVISED 4/80

DEPTH	BLOWS PER FT.	PROFILE	ŠAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	m _{/11"}		50	Very dense, gray, dry, fine gravelly, very silty, fine to coarse SAND (Glacial Till).
50				
			STD	Very dense, gray, dry, fine gravelly, very silty, fine to coarse SAND (Glacial Till).
55	⁵⁰ / _{4"}		54 † PEN 50 10	toarse SAND (Glacial Till). Test boring stopped at 55.3' below ground elevation.
-,.,				Test by ring stupped it. 33.3 serior grant treval or
		-		
		-		
		_		

	S.H	S.R	<u>1-90</u> SECTION	N <u>Jct. SR-5 to Vic. Jct. SR-405</u> Job No. <u>L-4203 (L-7579</u>)						
Hole	No. <u>HX</u>	4	Sub Section 3rd	d Lake Washington Floating Bridge Cont. Sec						
Stati	Station <u>L^L 106+20</u> Offset <u>15 ¹ Rt.</u> Ground El. <u>89.5 ¹</u>									
Туре	of Boring_	Chop	Casing 3"I.D50'2" W.T. El. 57.3'							
Inspe	ector			DateMarch 19, 1983 Sheet 1 of3						
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL						
		1	S	OD,						
	<u> </u>									
	ļ <u>.</u>									
·····	ļ									
5	<u> </u>	4	2 A STD M	edium stiff, gray, moist, fine sandy, clayey SILT — with a						
	6	1	3 PEN t	race of gravel.						
		-	4 1.							
<u> </u>	 	4								
*···										
10		-		And the state of t						
••••		4	A J U-2							
		-	3 STD	k						
	- 11 -	1 1	9 Y 3	tiff, gray, moist, silty CLAY — with cementations.						
	-	-	0							
15	 	1	A							
	 • • • • • • • • • • • • • • • • • • •	1 1 1	_B <u>U</u> -							
<u> </u>				tiff, gray, wet, silty CLAY — with a trace of gravel and						
	11-		7 PEN WG	ood fragments.						
. 20			· · · · · · · · · - ·							
DOT	FORM 35	1-003 12/79	descriptions	nmary log of Test Boring. Soil/Rockorlginal to Materials Engineer are derived from visual field Copy to Bridge Engineer Copy to District Administrator ons and laboratory tests.						
			8	4W107 Sheet 10 of 57 Sheets Copy to						

Hole	Hole No. <u>HX-4</u>		Sub Sectio	n 3rd Lake Washington Floating Bridge	Sheet2 of3
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL	
	20		5 A STD 7 PEN 13 6	Medium dense, gray, moist, SILT — with a trace sand lenses in places. (Very stiff, mottled, tan-brown, silty CLAY.)	
25	15		13 A STD 10 PEN 5 7 8	Medium dense, gray, moist, slightly silty, fine coarse SAND.	gravelly, fine to
30	41		14 A STD 18 PFN 23 8	Dense, brown, filty, fine to coarse SAND — with	h a trace of gravel.
35	72		17 A STD 42 PEN 30 9 26	Very dense, tan, moist, very silty, fine to coa imbedded fine gravel.	rse SAND — with
40	⁶⁹ / ₆ "		36 A STD 59 PEN 10	Very dense, tan, moist, very silty, fine SAND - of medium sand and fine gravel. (Sandy Glacial	- with a trace of Till).
45		*			

Hole No. HX-4		Sub Section	on <u>3rd Lake Washington Floating Bridge</u> Sheet <u>3</u> of <u>3</u>	
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	137	*	I. 50 I PEN	Very dense, gray, wet, silty CLAY — with a trace of oganic material Very dense, tan, very silty, fine SAND — with a trace of medium sand and fine gravel. (Glacial Till). Gray, silty CLAY — interlayered with Glacial Till.
50	⁶⁸ / ₆ "	Y	53 ↑ STD 68 ↓ PEN	Very dense, gray, moist, very silty, fine SAND — with a trace of medium to coarse sand and fine gravel. (Glacial Till); stratum contains chunk of hard silty clay.
			12	Test boring stopped at 51.2' below ground elevation.
				rege borning grouped at 51.2 below ground elevation.
			-	

DOT FORM 381-003A

84W107

Sheet 12 of 57 Sheets

-		0,11	1-30 - SECTION	NUCT. SK-5 to V1c, UCT. SR-405 Job NoL-4203 (L-7579)
Hole	No. <u>HX-</u> 5	5	Sub Section 3rd	d Lake Washington Floating Bridge Cont. Sec. 1704
Stati	on <u>LL 18(</u>)+76	 	Offset 40' Rt. Ground El76.7'
Туре	of Boring_	Chop and	d Drive	Casing 4" I.D4.0'; 3" I.D53.5' W.T. El. +7.8'
Inspe	ector		·	-53.5' Date <u>March 9, 1983</u> Sheet <u>1</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	FAMILE II	DESCRIPTION OF MATERIAL
<u>-</u>		1		
			A	
]	BCD U-	
	0.40.411		E O. STD	
5	 0/24" 		⁷ 24" PEN	
		1	1 I 1	Very soft, saturațed, gray, silty CLAY.
	0/24"		24" PEN	The state of the s
			- ¥ 3 V	dery soft, saturated, gray, silty CLAY.
10				
			A B Å U−	
			C 4	
			O STD	
15	4		1 PEN V	ery loose, gray, moist, SILT — with a trace of fine sand and
		4	8 7 5	rganic material.
		1		
			4 STD S	tiff, gray, moist, clayey SILT — with silty, fine sand lenses
	12		6 PEN C	ontaining fine gravel.
20			<u> </u>	
DOT	FORM 351- REVISED 1	003 2/79	50 fi la	his is a summary Log of Test Boring Original to Materials Engineer coll/Rock descriptions are derived Copy to Bridge Engineer Copy to Bridge Engineer Copy to District Administrator and aboratory tests. 4W107 Sheet 13 of 57 Sheets

ЕРТН	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			70 A STD	Vone dance many maintage
·	71		41 PEN	Very dense, gray, moist, fine sandy gravelly SILT.
0.5	_/1		30 7	
25				
			12 1	
	22		13 ASTD 9 PEN	Medium dense, gray, moist, fine sandy, gravelly SILT.
<u> </u>			10 8	
30				
i				
	- 38		14 ▲ STD	
			21 PEN 33 9	No recovery except chunk of silty fine SAND WASH.
35			, ,	
	<u> </u>			
			16 STD	Dense, gray, moist, fine sandy, gravelly SILT.
	39		24 PEN	
0			19	
		Y		
,		A		
			15 A STD	Dense, gray, moist, silty, fine gravelly fine to coarse SAND.
	.42		17 PEN	The state of the s
5			37 ¥ 11	

Sheet 14 of 57 Sheets

DOT REVISED 4/80

Hole	No. <u>HX-</u> 5			n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>3</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	149/11½"		34 STD 49 PEN 12	No recovery except ½" chunk of silty fine SAND.
50	ļ	Y		
	83	-	50 A STD 41 PEN 42 13	Very dense, gray, moist, fine sandy, gravelly SILT.— (Sandy Glacial Till).
55		1 1		
	 	┤		Large GRAVEL at 56 ft.
		-		Large GRAVEL at 57 ft.
60	123		33 A STD 58 T PEN 65 V 14	Very dense, gray, moist, fine sandy, gravelly SILT. — (Sandy Glacial Till).
				Large GRAVEL at 61.5'.
65		 	22 A STD	Very dense, gray, moist, fine sandy, gravelly SILT. — (Sandy Glacial Till).
	64	1	36 PEN 15	WINGINI IIIII
				Test Boring stopped at 65.9' below ground elevation
			<u> </u>	

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DOT FORM 351-003A REVISED 4/80

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

	S.H	S.R]	<u>-90</u> SECTI	ON <u>Jct. SR-5 to Vic. Jct. SR-405</u> Job No. <u>L-4203 (L-7579)</u>
Hole	No. <u>HX-6</u>	i	Sub Section 3r	rd Lake Washington Floating Bridge Cont. Sec. 1704
Statio	on <u>LL 182</u>	±55		Offset 40' Lt. Ground El77.1'
Type	of Boring _	Chop and	l Drive	Casing 4" I.D900'; 3" ID140' (52') W.T. El. +7.8'
Inspe	ctor			Date <u>March 11, 1983</u> Sheet <u>1</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	0,24"		I ▲ STDI	Saturated gray organic clayey SILT. Layer of fine sandy SILI. SAVer ayer organic sandy SILT. Very loose, gray, saturated, organic, silty, fine SAND.
5				
	0/24"		\$TD- 0, PEN 24" 3	Very soft, gray, wet, silty CLAY.
10				
15	0		C 4 E F STD	Very soft, gray, wet, silty CLAY.
	/24"		724' 5	TELY SUITE GLAVE STILL S
20	0,		C . U- D 6 F SID D, 7EN	No recovery except small chunk of sand covered clayey SILT.
DOT	24" - FORM 35-	1-003 12/79	description	summary Log of Test Boring. Soil/Rock Copy to Bridge Engineer on are derived from visual field Copy to District Administrator tions and laboratory tests. 84W107 Sheet 16 of 57 Sheets Copy to Copy t

DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			STD PEN 7	No recovery except small chunk of sand-covered clayey SILT.
	0/2411		0, PEN 24", 8	Very soft, gray, moist, silty CLAY.
25				
			D A Ú-	
``			B _C T 9 D TSTD	Dense, gray, moist, fine sandy SILT — with sand lenses and a trace of imbedded fine gravel. (Glacial Till).
30	50		22 PEN 21 V 10	
35	43		20 ASTD 20 PEN 23 111 25	Dense, gray, moist, fine sandy SILT — with imbedded gravel. (Glacial Till).
				Medium dense, gray, moist, fine sandy SILT — with imbedded
40	21		11 A STI 10 PEI 11 12	gravel. (Glacial Till).
	52	_	17 A STI	

Hole	No. <u>HX</u> =	6	Sub Sectio	n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>3</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
· · · · · · ·			670	
	107/4."		107 \$ PEN 4" 14	No recovery.
	<u> </u>	4		
50		4		SAND laver.
	<u></u>	A		
			8 a STD	
:	51	1	22 PEN	Stiff, gray, moist, silty CLAY — with fine sand streaks Very dense, gray, moist, fine sandy SILT — with imbedded
	<u> </u>		31 + 15.b	grayel, (Glacial Till).
55	 			
	 			
<u>a i 1 1.</u>	<u> </u>			
**	· · · · · ·			
60	100/4"		22 \$ STD 100 P EN	Very dense, gray, moist, clayey, fine sandy SILT — with imbedded fine grayel. (Glacial Till)
			4 ⁱⁱ 16	
			G1 STD	Very dense, gray, moist, fine sandy SILT — with imbedded
65	50/4"		50 ★ PEN	gravel. (Glacial Till).
			4 17	Tri-coned down in Glacial Till, 17 ft. ahead of casing; unable
	 			to sample at -69 ft. because large gravel had fallen out of hole wall preventing sampler from reaching bottom of hole.
	-	📗		
69	 			
			L	Test hole stopped at 69.0' below ground elevation.

84W107 Sheet 18 of 57 Sheets

DOT FORM 351-003A

	S.H	S.R <u>I</u>	<u>-90</u> SECTIO	JN <u>Jct. SR-5 to Vic. Jct. SR-405</u> Job No. <u>L-4203 (L-7579)</u>
Hole I	No. <u>HX</u>	<u> </u>	Sub Section <u>3</u>	rd Lake Washington Floating Bridge Cont. Sec. 1704
Statio	on <u>I^L 196</u>	i+72		Offset 40'Rt. Ground El23.0'
Type	of Boring_	Chop ar	d Drive	Casing 4" I.D33; 3" I.D51.0' W.T. El+8.0'
Inspe	ctor			Date <u>March 17, 1983</u> Sheet <u>1</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
		A	c A U-1	
	4		STD 3 PEN 1 2	Very loose, gray, wet, organic, very silty, fine to medium SAND — with a trace of coarse sand and roots.
5.		+		
	38			Dense, gray-green, moist, fine to medium SAND — with siTt partings.
10	60	-	36 J PEN	Very dense, gray-green moist, fine to medium SAND — with a trace of coarse sand.
			39	
15		-	ļ	
	49	 	13 STD 20 PEN 43 6	Dense, gray, moist, SILT — with fine sand lenses and hairline fragments of organic material.
20		<u> </u>		
DO ⁻	T FORM 3:	51-003 D 12/79	descriptio	summary Log of Test Boring. Soil/RockCopy to Bridge Engineer ons are derived from visual field Copy to District Administrator utions and laboratory tests. 84W107 Sheet 19 of 57 Sheets

DEPTH BLOWS PROFILE			SAMPLE	BEAGGIPTION OF MATERIAL	
DEPTH	PER FT.	PROFILE	TUBE NOS.	DESCRIPTION OF MATERIAL	
	-40 ·		13 A STD 16 PEN 24 7 29	Dense, gray, moist, very silty, fine to coarse wood and a trace of fine gravel.	SAND with
25					
	70		20 A STD 30 PEN 48 V 8	Very dense, gray, moist, silty, fine to medium trace of fine gravel and coarse sand.	SAND — with a
.30 .					
	93		30 A STD 44 T PEN 49 Y 9		SAND — with a
35					
	72		20 A STD 30 PEN 42 V 10		SAND — with
40		A	<u>.</u>		•
	81		27 A STD 34 PEN 47 V 11	Very dense, gray, moist, fine sandy SILT — wit organic material.	h a trace of
					· · · · · · · · · · · · · · · · · · ·

Sheet 20 of 57 Sheets

DOT FORM 351-003A REVISED 4/80

DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL						
	78		21 STD 25 PEN 53 12	Very dense, gray, moist, laminated, fine sandy SILT — with a trace of organic material.						
50										
			13	No recovery.						
······································	71		21 STD 30 PEN 41 14	Very dense, gray, moist, alternating SILT partings and						
55			51 \							
57			S- 15							
				Test boring stopped at 57.3' below ground elevation.						
		1		Test porting Stopped at 37.3 Detaw ground elevation.						
			Å							
	-	_								

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

	S.H	S.R <u>I</u>	<u>I-90</u> SECTION <u>Jct. S</u>	R-5 to Vic. SR-405	Job No. <u>L-4203 (L-7579)</u>					
Hole	No. <u>. HX-</u>	Cont. Sec. <u>1704</u>								
Statio	on <u>M</u> 10	7+99 .		Offset <u>¶</u>	Ground El74.8					
Type	of Boring _	Was	sh and Chop	Casing 3"x55'	W.T. El. Not determined					
Inspe	ctor	 	· · · · · · · · · · · · · · · · · · ·	Date March 19, 1983	Sheet <u>1</u> of <u>3</u>					
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MA	TERIAL					
		A								
					·					
	•									
5	 :		∧ Å . U	· · · · · · · · · · · · · · · · · · ·						
			7 1 2 STD							
	7		3 PEN Medium st	iff, gray, moist, fine sandy	gravelly SILT and CLAY.					
	ļ.,,		4 1 2	· · · · · · · · · · · · · · · · · · ·						
10		Y			,					
		Å	A ♥ U-		.*					
•	1.1		2 A STD Medium de	nse, gray, moist, clayey, fi fine gravel.	ne sandy, SILT — with					
• • • • • • • • • • • • • • • • • • • •	 		7 J	TIME GLAVEL						
			6 4 4							
			<u> </u>							
. 15		+	L		·					
		Ţ	1 Tr - 1	ry						
	. 17	.	9 a PEN Medium de	nse, gray, moist, clayey sil	ty SAND.					
V. a		1	8 b Medium de 16 6 gravelly	nse, brown, moist, slightly o SILT — with a trace of organ	clayey, fine sandy, fine nic material.					
		*								
. 20		1								
DOT	FORM 351 REVISED	-003 12/79		ived irom visual rield	Original to Materials Engineer Copy to Bridge Engineer Copy to District Administrator					
84W107 Sheet 22 of 57 Sheets Copy to										

Hole No. <u>HX-8</u>			Sub Section	on 3rd Lake Washington Floating Bridge Sheet 2 of 3
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	9		9 STD 4 PEN 5 7 7	Loose, gray and brown, moist, silty, fine gravelly, fine to coarse SAND.
25	47		20 Å STD 22 PEN 25 8	Dense, gray and brown, moist, silty, fine gravelly, fine to coarse SAND.
30	60/6"		31 \$ STD 60 Y PEN	Dense, gray and brown, moist, silty, fine gravelly, fine to coarse SAND.
35	29		16 A STE 17 PEN 12 15 Y 10	Dense, brown, moist, very silty, fine gravelly, fine to coarse SAND
40	67	- - - - -	28 A STE 31 PEN 36 Y	Very dense, gray, moist, silty, fine to coarse SAND.
45				

Sheet 23 of 57 Sheets

DOT FORM 351-003A REVISED 4/80

J

Hole No. <u>HX-8</u>		Sub	Sectio	n <u>3rd</u>	Lake	Washing	ton Floa	ting Bride	je	Sheet 3	of <u>3</u>	
DEPTH	BLOWS PER FT.	PROFILE	SAMP TUBE	LE NOS.	DESCRIPTION OF MATERIAL							
	73/6"	A	28 4 73 Y	STD PEN 12	Very o	dense,	brown,	moist, f	ine sandy	. gravelly	SILT.	
								a i				
50												
	. 126		27 46 80	STD PEN 13	Very c	lense.	brown.	moist, f	ine sandy	gravelly	SILT.	
· · · · · · · · · · · · · · · · · · ·				-	·							
55			24	CTD	Voint	<u> </u>			fine to		4	
	91 :-	V .	24 43 48	PEN 14	Very of	iense,	tan-gra	y, silty	, fine to	coarse san	dy	
<u></u>												
					Test b	oring	stopped	at 56.5	' below gr	round eleva	tion.	
60								·				
			· ·									
				•				· · · · · · · · · · · · · · · · · · ·			<u> </u>	
					,				· · ·	. <u></u>		
								•				
					•							
	-					····						
						•		4				
 												

DOT FORM 351-003A

84W107

Sheet 24 of 57 Sheets

	_ S.H	S.RI	<u>-90</u> SECT	ION <u>Jct. SR-5 to Vic. Jct. SR-405</u> Job No. <u>L-4203 (L-7579</u>)					
Hole	Hole No. <u>HX-9</u> Sub Section <u>3rd Lake Washington Floating Bridge</u> Cont. Sec. <u>1704</u>								
Stat	Station IL 196+63 Offset 40'Lt. Ground 51 - 27 5 1								
Тур	Type of Boring Chop and Drive Casing 4" I.D38.0', 3" I.D. W.T. El. +7.7' Inspector								
Insp	ector			Date March 19, 1983 Sheet 1 of 3					
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL					
	6	Å	3 A STD	Loose, gray, saturated, very silty, fine SAND — with a trace of organic material.					
	70		4 1	M galita material.					
	ļ	Y							
5		-							
	54 -	1	24 PEN 30 b	Dense, tan, moist, fine sandy, fine gravelly SILT — with rust streaks.					
	-		24 2	streaks. Very dense, rust and gray layers, moist, fine sandy, fine gravelly SILT.					
	<u> </u>								
_10									
				Dense gray wat cilty sind					
			17 ▲ STD 21 PEN	Dense, gray, wet, silty, fine to medium SAND — with a trace of organic material.					
	47		26 3						
			<u> </u>						
15		₩ }							
		A							
			21 A STD 24 PEN	Very dense, gray, wet, fine sandy SILT — with imbedded fine					
	57		33 ¥ 4	gravel. (Sandy Glacial Till).					
20		<u> </u>							
<u> </u>	<u>.</u>	T	his is a su	mmary Log of Test Boring. Soil/Rock Original to Materials Engineer					
DOT	FORM 351- REVISED (VU3 W	C2C1 1P L 10113	are derived from visual field Copy to Bridge Engineer ons and laboratory tests.					
			8	34W107 Sheet 25 of 57 Sheets Copy to					

DEPTH PER PT. PROFILE SAMPLE TUBE NOS. DESCRIPTION OF MATERIAL 25 SID Very dense, gray, wet, silty, fine gravelly, fine to coarse SAND. 26 SAND. 27 PEN Medium SAND in Sampler. 30 SID No recovery except one pebble and a smear of slightly silty. 47 6 SID Very dense, gray, wet, silty, fine to medium SAND. 36 PEN Very dense, gray, wet, silty, fine to medium SAND. 37 PEN Medium SAND in Sampler. 38 SID Very dense, gray, wet, silty, fine to medium SAND. 38 SID Very dense, gray, wet, silty, fine to medium SAND. 39 PEN No recovery except smear of slightly silty, medium SAND — and did not fine GRAVEL in sampler. 40 SID Very dense, gray, wet, laminated, fine sandy SILT.	Hole	Hole No. HX-9			on <u>3rd Lake Washington Floating Bridge</u> Sheet <u>2</u> of <u>3</u>
PEN Very dense, gray, wet, silty, fine gravelly, fine to coarse 35 SAND. 25 SAND. 27 STD 38 STD 38 STD 39 PEN Wery dense, gray, wet, silty, fine gravelly, fine to coarse 28 STD 39 PEN Wery dense, gray, wet, silty, fine to medium SAND silty, and silty, silty, fine to medium SAND. 25 STD 36 STD 37 PEN Wery dense, gray, wet, silty, fine to medium SAND. 38 No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler. 40 PEN Wery dense, gray, wet, laminated, fine sandy SILT.	DEPTH	BLOWS PER FT,	PROFILE	SAMPLE	
30 23		. 79		35 PEN	Very dense, gray, wet, silty, fine grayelly, fine to come
30 25 STD 36 37 77 48 25 STD 34 PEN No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler. 25 STD 26 PEN No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler.	25				
25 A STD 26 STD 37 Very dense, gray, wet, silty, fine to medium SAND. 15 STD 34 PEN No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler. 25 A STD 26 PEN 39 9 Very dense, gray, wet, laminated, fine sandy SILT.		84		IV	No recovery except one pebble and a smear of slightly silty, medium SAND in sampler.
35 PEN 7 Very dense, gray, wet, silty, fine to medium SAND. 15 STD 34 PEN No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler. 40 25 STD 26 PEN 39 9 Very dense, gray, wet, laminated, fine sandy SILT.	30				
15 STD 34 PEN No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler. 40 25 STD 26 PEN 39 9 Very dense, gray, wet, laminated, fine sandy SILT.	0.5	. 80	1 1	Tas T PEN	Very dense, gray, wet, silty, fine to medium SAND.
.40 25 \ STD 26 \ PEN 39 \ Y 9 \ Very dense, gray, wet, laminated, fine sandy SILT.	35	77		34 PEN	No recovery except smear of slightly silty, medium SAND — and one fine GRAVEL in sampler.
26 PEN 39 ¥ 9 Very dense, gray, wet, laminated, fine sandy SILT.	.40		*		
45 1 10 10	-	65	-	39 V 9 S-	Very dense, gray, wet, laminated,fine sandy SILT.

Sheet 26 of 57 Sheets

DOT FORM 351-003.

Hole				n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>3</u> of <u>3</u>
DEPTH	BLOWS PER FT.	PROFILE	SÄMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	74		16 A STD 27 I PEN 47 11	Very hard, gray, moist, alternating partings of CLAY.
50				
55			16 A STD	Very hard, gray, moist, silty CLAY — with fine sand streaks.
	66	<u> </u>	20 PEN 46 12	
7.		_		Test boring stopped at 56.0' below ground elevation.
		<u> </u>		

St.	ationL	L 184+26 Chop	and Drive	3rd Lake Washington Floating Bridge Cont. Sec. 1704
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	Date March 23, 1983 Sheet 1 of 5
5	6 0/ 18"	T	A U- 3c _D 3	
15	-4	2,2,1	STD Ve	ery loose, gray, moist, fine to medium SAND interlayered ith soft, gray, clayey silt and a trace of white shells.
20	2	4 1 1 1	7	ft, gray, wet, fine sandy, silty CLAY - with a trace of dium to coarse sand.
DOT	FORM 351-003 REVISED 12/7	This i descrip identi	fications ar	Log of Test Boring. Soil/Rock derived from visual field copy to Bridge Engineer Copy to District Administrator W107 Sheet 28 of 57 Sheets

Hole No. HX-10		Sub Section	3rd Lake Washington Floating Bridge Sheet 2 of 5	
DEPTH	BLOWS PER PT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			1 A STD	Soft, gray, wet, fine sandy, silty CLAY - with a trace of
	2		PEN 8	medium to coarse sand.
25			' "	1
			A _B C 19	
30	20	+	10 ASTD 12 PEN 8 10	Very stiff, gray, moist, silty CLAY interlayered with medium dense, gray, fine sand.
-	36		13 ASTDa 15 PEN 21 11 b	fine sandy SILT.
-			25	Dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel.
35				
	41	-	20 A STD 17 PEN 24 12	Dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel.
	41	1	18 12	
40	-	-		
	28		12 14 STD 14 PEN	Dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel.
45	1 20		14 13	

			Sub Sectio	on 3rd Lake Washington Floating Bridge Sheet of
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
				Sinking bar jammed by gravel large enough to get between it and casing.
50	29		11 STD 16 PEN 13 V 14	Dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel. (Glacial Till).
				Gravel large enough to jam between sinking bar and casing.
55	43		11 A STD 18 PEN 25 15	Dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel.
60	-22		11 A STD 10 PEN 12 Y 16	No Reçovery.
	31		25 A STD 21 PEN 17	Dense, gray, moist, fine to coarse sandy, fine gravelly SILT.
65			6 17	
70	56/6"		53 T STD 56 PEN 18	Very dense, gray, moist, fine sandy SILT - with a trace of medium sand and fine gravel, (Glacial Till).

Sheet 30 of 57 Sheets

DOT FORM 351-003A

- -

DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
		1		
	-	•		
	27		9 STD 12 PEN	Very stiff, gray, moist, fine sandy, silty CLAY - with powdery, clayey, silty partings and fine sand streaks.
75	- 21	-	15 PEN 21 19	powdery, crayey, strey paretings and time sand screaks.
75				
	ļ			Tri-cone chattered on large gravel or cobble at this depth.
		-		
		-		
		4 1		
80	<u> </u>]]	11 A c+c	Haid and metal fine and selfu CLAV with roudons
	34		15 T PEN	Hard, gray, moist, fine sandy, silty CLAY - with powdery, clayey, silty partings and fine sand streaks.
			19 7 20	
		1		
85		1		
	 	7	12 STD PEN	Very stiff, gray, moist, fine sandy, silty CLAY - with powdery, clayey, silty partings and fine sand streaks.
	27	1	15 ¥ 21	Crayey, Sirty partings and Time Sand Streams.
	<u> </u>	-		
	+			
		-		
90	 	4	AB TU-	
	<u> </u>		17 22 STD	Wary hard gray moist fing sandy silty CLAV - with a
	72_		31 T PEN 41 PEN 23	Very hard, gray, moist, fine sandy, silty CLAY - with a trace of medium to coarse sand. About 20° to 30° dip.
			1 23	
95		7		

Hole No. 11/2-10 Sub Section 3rd Lake Washington Floating Bridge				n Sta Lake washington Floating Bridge Sheet 5 of 5
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
<u></u>				
100			1 4 4 1	
	· · · · · · · ·		22 A STD 34 PEN	Very hard, gray, moist, fine sandy, silty CLAY.
	84/ 10"	Y	34 PEN 50/ 24 4"	very hard, gray, moise, time sandy, strey cent.
	10"		4"	
				Test boring stopped at 101.5' below ground elevation.
105				
	,, , 			
				
	,			
			· · · · · · · · · · · · · · · · · · ·	
			<u> </u>	
1			<u></u>	
	<u> </u>			
•				
<u> </u>				
]			

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DOT FORM 351-803A

	S.H	S.R	I-90_ SECTION	ONJct. SR-5 to Vic. Jct. SR-405	Job No. L-4203 (L-7579)
Hole (No. <u>H</u>	X-11	Sub Section	3rd Lake Washington Floating Bridge	Cont. Sec1704
Statio Type		L 117+82 Cho	p and Drive	Offset 4" I.D85½' Casing 3" I.D113.8' (28'4")	Ground El. <u>-75.5'</u> W.T. El. <u>+7.8'</u>
Inspe	ctor			Date <u>March 26, 1983</u>	Sheet1 of3
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERI	AL
	- 10 -	A	4 STD PEN 6 1	Loose, gray, saturated, silty, fine SANI	0.
5	7		2 A STD 2 PEN 5 2	Loose, gray, moist, very silty, fine to SAND - with mica.	coarse
10	33	?**?-	11 A STD 13 PEN 20 3	Dense, gray, moist, fine sandy, fine grawith organic hairs and a trace of embedding.	avelly SILT - ded coarse
15	28		13 A STD 12 PEN 16 4	Dense, gray, moist, fine sandy, fine gr with organic hairs and a trace of embed sand.	avelly SILT - ded coarse
			14 A STD	Dense, gray, dry, fine sandy SILT - wit	h fine sand
20 00	44 FORM 3 REVISE	de	T8 PEN 26 5 is is a summ	partings, mica and a trace of coarse sa mary Log of Test Boring. Soil/Rock are derived from visual field	n fine sand nd. ginal to Materials Engineer by to Bridge Engineer by to District Administrator

Hole No. HX-11 Sub Section			Sub Sectio	$_{\rm m}$ 3rd Lake Washington Floating Bridge Sheet _2 of _3
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			42	
		4	22 A STD	Very dense, gray, moist, slightly clayey, fine sandy,
25	83		38 PEN 45 6	silty GRAVEL.
			130 9	
		•		
				
			42 A STD	Very dense, gray, moist, slightly clayey, fine sandy,
30	108/7"		58 PEN 50/1" 7	silty GRAVEL - with clayey silt lenses.
•	<u> </u>			
		-343-		
	ļ	4		
35	<u> </u>		24	No. 1 Annual Carlo
- 	84		34 7 STD 50 PEN	Very dense, gray, moist, silty, fine to medium SAND - with a trace of coarse sand and fine gravel. (Sandy Glacial
			30 . 8	Till).
	<u> </u>			
	<u> </u>			
40			36 A STD	W
	106		45 PEN	Very dense, moist, silty, fine gravelly, fine to coarse SAND.
	,,	1	9	
]		
	1	 		Artesian stream at 44 ft. Head +18.0' above lake surface; 360 gallons per hour. Dumped wash sand down hole to try
45	l	1 T	H	to stop flow.

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DOT FORM 351-003A REVISED 4/80

Hole I	No	нх-11	Sub Section	3rd Lake Washington Floating Bridge Sheet 3 of 3
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	117	Y	32 A STD a 50 PEN 67 10 b	Very dense, gray, wet, clean GRAVEL - with a trace of coarse sand. Very dense, gray, moist, silty, fine gravelly, fine to coarse SAND.
50				Test boring stopped at 47.0' below ground elevation.
		=		
			:	

Sheet 35 of 57 Sheets

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

	S.H	_ S.R. <u>_ I</u>	-90 SECTI	ONJct. SR-5 to Vic. Jct. SR-405 Job NoL-4203 (L-7579)		
Hole	No	IX-12	Sub Section	3rd Lake Washington Floating Bridge Cont. Sec. 1704		
Station L ^L 202+21 Offset 65' Rt. Ground El. +54						
Туре	of Boring	Wash	and Chop	Casing 3" x 40 ' W.T. EI +48 (3/30/83)		
Inspe	ctor	······		Date <u>March 29, 1983</u> Sheet <u>1</u> of <u>2</u>		
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS,	DESCRIPTION OF MATERIAL		
	8	A	I A STD I PEN	Loose, brown, dry, fine sandy SILT - with organic		
			7 1	hairs and a trace of fine gravel.		
	à					
5						
	70		30 A STD 33 PEN	Very dense, brown, dry, fine sandy SILT - with organic		
	70 -		37 2	hairs and a trace of fine gravel.		
				Installed 2 stand pipes, #1 bottom at +48', #2 bottom at		
				+34', Seals at 10' to 12' and 0' to 1'.		
10						
	42		17 A STD 18 PEN	Dense, brown, dry, fine sandy SILT - with mica.		
			24 3 3			
15		1	11 070			
	35		11 A STD 15 PEN	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.		
			20 4 24	medium to coarse sand and fine grave.		
20			L			
20-	FORM 351-	des	criptions a	ary Log of Test Boring. Soil/Rock Original to Materials Engineer re derived from visual field Copy to Bridge Engineer		
DOT	REVISED 1	2/79 1de	ntification	s and laboratory tests. Copy to District Administrator 84W107 Sheet 36 of 57 Sheets		
				Copy to		

Hole No.		HX-12	Sub Sectio	n 3rd Lake Washington Floating Bridge Sheet 2 of 2
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	39		12 A STD 21 PEN 18 5 23	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
25				
	50		20 A STD 25 PEN 25 6 39	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
			39	
30	-,-			
	43		14 A STD 18 PFN 25 7 37	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
35				
	63		11 STD 25 PEN 38 8 60	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
40			:	
	84		43 A STD 33 PEN 51 9	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
		•		Test boring stopped 41' 6" below ground elevation.
45]		

	7	116+13		Offset 20' Rt. Ground El53.0'		
Туре	e of Boring _	Lnop	and Drive	Casing 3" I.D,-66 (BX-105') W.T. El. +8.0'		
Inspe	ector			DateMarch, 1983 Sheet _1 of5		
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL		
	20		13 A STU 10 PEN 10 I	Medium dense, gray, moist, slightly silty, gravelly, fine to coarse SAND.		
5						
	34		14 STD 14 PEN 20 2 18 2	Dense, gray, moist, slightly silty, gravelly, fine to coarse SAND.		
10			· ·			
	51		18 STD 25 PEN 26 3 18	Very dense, gray, moist, slightly silty, fine gravelly, fine to coarse SAND.		
15	32		22 A STD 15 PEN 17 4	Dense, gray, moist, very silty, fine gravelly, fine to coarse SAND.		
20						
	-	This	is a summar	y Log of Test Boring. Soil/Rock ederived from visual field Copy to Bridge Engineer Copy to District Administrator		

DEPTH	BLOWS PER FT.	PROFILE	S	AMPLÉ	ion 3rd Lake Washington Floating Bridge Sheet 2 of
	FER FI.	FROFIL	24	BE NOS.	DESCRIPTION OF MATERIAL
	34		16 18 22	PEN 5	Dense, gray, moist, very silty, fine gravelly, fine to coarse SAND.
25	100/6"		42 100	STD PEN 6	Very dense, gray, moist, very silty, fine gravelly, fine
30	115/	- 3. * 4.	24 65 50 2 "	STD PEN	Very dense, gray, moist, fine to medium sandy SILT - with a trace of coarse sand.
35	00/	*	00/ \$	STD PEN	Very dense grove
				8	Very dense, gray, moist, slightly silty, fine to coarse sandy, fine GRAVEL. 15 ft flowback of pebbly sand in rods, from -53 ft back up to -38 ft. Artesian stream back
50	2"	7: 50		STD (Artesian stream begins at -39 ft. Head +6.3' above lake level. Flow 121 gallons per hour. Very dense, gray, moist, silty, fine gravelly, fine to coarse SAND.

Hole	Hole No. HX-13		Sub Secti	n 3rd Lake Washington Floating Bridge Sheet 3 of 5		
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL		
50	49		11 A STD 17 PEN 32 10 62 V	Dense, gray, wet, slightly silty, fine gravelly, fine to coarse SAND.		
.55 .	95		25 A STD 44 PEN 51 11 29 A STD 42 PEN	Very dense, gray, wet, fairly clean, fine to coarse SAND. Artesian flow at -56 ft. = 180 gallons per hour. Head: +17.6' above lake surface. Very dense, gray, moist, silty, clayey, fine gravelly, fine to coarse SAND.		
60	-58	1 1	35 ¥ 12 20 A STD 25 PEN 33 ¥ 13	Artesian flow at -61 ft = 900 gallons per hour. Very dense, gray, saturated, silty, clayey, fine gravelly, fine to coarse SAND.		
65	57/6"		65 A STD 57 Y PEN	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.		
70				Trj-cone chattered on gravel at this depth.		

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DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
75	89		36 A STD 45 PEN 44 V 15	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
80	96		26 STD 43 PEN 53 16	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand, gravel and mica.
85	100/		STD 100/ PEN 2" 17	Very dense, gray, moist, silty, gravelly, fine to coarse SAND.
		-		
90				
95				

DEPTH	BLOWS PER FT.	PROFILE	SA TUB	MPLE E NOS.	DESCRIPTION OF MATERIAL
100	92		24 40 52	STD PEN 18	Very hard, gray, moist, silty, fine to coarse sandy CLAY. (Glacial Till).
105					
110	62		20 26 36	A STD PEN 19	Very hard, gray, moist, silty, fine to coarse sandy CLAY - with a trace of embedded gravel. Test boring stopped at 108.5' below ground elevation.
					Water Elevation - Artesian pressure 35' to 66'. Head 18' above lake level. Flow with 4' head, 900 gallons per hour.
115					Casing broke off 35' below lake bed while pulling casing. Backfilled with drill mud and cement to stop artesian flow.
120					

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DOT FORM 351-003

	S.H	S.R	I-90 SECTION	ON SR-5 to Vic. Jct. SR-405 and SR-90	Job No
Hole	No. <u>HX</u> -	14	Sub Section	3rd Lake Washington Floating Bridge	Cont. Sec. <u>1704</u>
Statio	on <u>L^L200</u>	+32		Offset 40' Rt.	Ground El. +45
Туре	of Boring_	Wash an	nd Chop	Casing 3"	W.T. El. Not Determined
Inspe	ctor			Date March 30, 1983	Sheet 1 of 2
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIA	L
	3	_7¥ ? _	1 STD 2 PEN 1 1 2 V	Very loose, gray, moist, organic, fine s a trace of medium to coarse sand.	andy SILT - with
		-:*:			
5					
	25		6 & STD 11 PEN 14 2 14 ¥	Dense, brown, moist, fine gravelly, very SAND - with a trace of medium to coarse	silty, fine sand.
10		<u> </u>	G 1 670		
	51	Y	6 A STD		silty, fine SAND -
		↑	40 3 48 ¥		
	ļ <u>.</u>				
15					
	75		21 A STD 34 PEN	Very dense, gray, moist, fine sandy SILI of medium to coarse sand and fine grave	
			41 🕴 4		
20					
. DO	FORM 35	de	scriptions a	are derived from visual field copy	nal to Materials Engineer to Bridge Engineer to District Administrator
				84W107 Sheet 43 of 57 Sheets c_{opy}	to

Hole	No''		Sub Sectio	in Old Edite National Floating Direct Sheet 2 of 2
DEPTH	BLOWS PER FT.	PROFILE		DESCRIPTION OF MATERIAL
	60		12 A STD .25 PEN	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
			35 5 38 Y	
		₩		
25		Ŷ		Boulder 24' to 25'.
	64	A	22 A STD 24 PEN	Very dense, gray, moist, fine sandy SILT - with a trace of mica.
			40 6 53 .	
30				
	60		27 T PEN	Very dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
			33 7 7	
		<u> </u>		
35		A	*	
	160/ 1"		100/ † STD 1" PEN	Very dense, gray, moist, very silty, fine gravelly, fine to coarse SAND - with cobbles.
		V	8	
40				
	75		28 T PEN	Very dense, gray, moist, fine gravelly, fine sandy SILT.
			47 7 9	
				Test boring stopped 41.5' below ground elevation.
45				

DOT FORM 351-003A

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	S.H	_ S.R	1-90, SECTIO	N <u>Jct. SR-5 to V1c. Jct. SR-405</u> Job No. <u>L-4203</u>
				3rd Lake Washington Floating Bridge Cont. Sec. 1704
Statio	_{inL} L113	+48		Offset 20' Rt. Ground El26.5' 4" I.D35 ft.
Туре	of Boring _	Chop,	Drive, and R	otary Casing 3" I.D50 ft., BX-145' W.T. EI. +8.0'
Inspe	ctor			Date <u>April 19, 1983</u> Sheet <u>1</u> of <u>5</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	15		11' A STD 6 PEN 9 I 14 V	Medium dense, gray, moist, fine gravelly, fine to coarse SAND.
5	39		13 A STD 17 PEN 22 2	Dense, grav, very silty, fine SAND - with a trace of medium to coarse sand and gravel.
10	50/1"		50/ V STD 1" A PEN	Backfilled with wash sand from -15.0' to lake bottom. No Recovery - Cobble.
15	100/5"		100/ ∜ STD	Very dense, gray, very silty, fine SAND - with a trace of medium to coarse sand.
			4	Backfilled with mixture of High Early Strength cement, Barite, and Pea Gravels from -18.0' back up to -15.0'.
20	100/5"		▼ STD 100/ PEN 5" ★ 5	and let set for 1 hour. Very dense, gray, very silty, fine SAND - with a trace of medium to coarse sand and gravel. (Glacial Till)
001	FORM 35	des	scriptions a	re derived from visual field Copy to Bridge Engineer Copy to District Administrator
				84W107 Sheet 45 of 57 Sheets Copy to

Hole No. HX-15			Sub	Section	3rd Lake Washington Floating Bridge Sheet 2 of 5		
DEPTH	BLOWS PER FT.	PROFILE	SAMPI TUBE N	LE OS.	DESCRIPTION OF MATERIAL		
					Backfilled with a mixture of fine gravel, Barite, and Bentonite pellets from -28.0' back up to -18.0'		
25	100/5"		1007 \$ 1	STD PEN 6	Very dense, gray, very silty, fine SAND - with a trace of medium to coarse sand. (Glacial Till)		
					Artesian pressure sealed off after backfilling back up		
30	100/3"		100/ A 1	STD PEN 7	(Glacial Till - Gravelly). No Recovery.		
		1			Artesian pressure begins at -32.0' while boring down.		
35	46		24 T	STD PEN	Dense, gray, moist, fine gravelly, fine to coarse SAND.		
	40		22	8	Flow: 240 gallons/hour.		
40	66		24 T.F	STD PEN 9	Very dense, tan, moist, silty, fine to medium SAND - with a trace of clay and a pocket of silt.		
			04 4 5	STD			
45			24 A F	PEN	Very dense, gray, moist, silty, fine to medium		

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.

Hole	BLOWS SAM			3rd Lake washington rivating bridge Sheet 3 of 3
DEPTH	PER FT.	PROFILE	TUBE NOS.	DESCRIPTION OF MATERIAL
			70 🔻	Artesian Flow: 1200 gallons per hour.
50	62/6"		33 A STD 62 Y PEN	Very dense, gray, moist, fine to coarse sandy GRAVEL. Artesian pressure at -50.0'. Head: +16 ft. above lake surface. 2½' Artesian flowback in casing, from -52.6' back up to
55	38		10 A STD 16 PEN 22 12 28	No Recovery - Lost spring retainer fingers and sample from bumping sampler back up through 8 ft. of Artesian flowback after sampling. Took 1 hour to get sampler out.
50				
65	72-		10 A STD 35 PEN 37 Y 13	No Recovery - Lost sample along with spring retainer fingers bumping sampler back up through 15 ft. of Artesian pushed pebbly sand, from -65.5' back up to -50.5'. Took 2 hours to get sampler out.
				Layer of gravelly sandy silt.
70	—	1		Back into Artesian stratum of sandy gravel.

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Hole	Hole No. HX-15		Sub Section 3rd Lake Washington Floating Bridge Sheet 4					
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL				
*· · · · · · · · · · · · · · · · · · ·								
75								
•								
	l	+		Layer of silty SAND and GRAVEL.				
·		A		Back into sandy gravel with artesian pressure.				
.80								
				Backfilled with mixture of fine gravel, Barite, Bentonite pellets and wash sand from -85,0', back up through Artesian stratum to -28.0', where Artesian				
				through Artesian stratum to -28.0', where Artesian flow stopped.				
·	1							
85		. 🔻						
	<u> </u>	1						
			· · · · · · · · · · · · · · · · · · ·	Gravelly Silt in wash.				
<u></u>	ļ							
	ļ							
90	<u></u>							
				Slight artesian pressure from 85.0' to 92.5'.				
	86/		31 A STD 86 Y PEN	Very dense, gray, moist, very silty, fine SAND - with traces of medium to coarse sand and fine gravel.				
	6"		14	J. 2005 07 medium vo course sund und Title graver.				
95		1						

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DOT FORM 351-003A

noie	Hole No			n Stu Lake Washington Floating Bridge Sheet 5 of 5			
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL			
				Backfilled from bottom of hole at 108.2' back up to -85.0' with wash (silty sand with fine gravel fragments).			
	106		33 \ STD 44 \ PEN 62 \ 15	Very dense, gray, moist, very silty fine SAND. Slight artesian pressure.			
. 100							
				Artesian pressure coming from sand and gravel lenses and layers within predominant strata.			
105	130		1 39 PEND	Very dense, gray, moist, fine sandy SILT. Very dense, gray, moist, fine to coarse sandy GRAVEL. Very dense, gray, moist, pockets of very silty, fine to coarse SAND and fine GRAVEL. Sand lens. Artesian pressure: Height, +13.2' above lake			
				surface. Backfilled with mixture of fine gravel, Barite Bentonite pellets and wash sand from -85.0' back up through artesian stratum to -28.0' where artesian flow stopped.			
	100/	+	87 ▲ STD 100/ ♥ PEN 2" 17	Very dense, gray, moist, very silty, fine to coarse SAND - with fine gravel (Glacial Till).			
110	<u> </u>	-					
110				Test boring stopped 108.2' below lake bottom.			
	 	-					
	 	1					
		1					
	1						
	1	1					

	S.H	S.R	I-90 SECTI	ON <u>Jct. SR-5 to Vic. Jct. SR-405</u> Job No. <u>L-4203 (L-757</u> 9)							
Hole No. HX-16 Sub Section 3rd Lake Washington Floating Bridge Cont. Sec. 1704											
Statio	on <u>L^L18</u>	4+45		Offset 25' Lt. Ground El64.4'							
Туре	Type of Boring Chop & Drive, & Rotary Casing 3" I.D148.8 (-73.5') W.T. El. +8.9'										
Inspector Date <u>April 26, 1983</u> Sheet <u>1</u> of <u>6</u>											
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL							
		A									
				Gravelly SAND - with rotten wood fragments.							
·											
5											
	1 - 1	. •		No recovery.							
		A	0/12 1								
10	<u> </u>	│	B ♣ C U_								
			D 🙀 2								
	29		13 A STD 17 PEN	Dense, gray, wet, very silty, fine SAND - with a trace							
			12 🙀 3	of medium sand and fine gravel. Contains thin peat lens at 13.0'.							
		1	2 A STD	Soft grown which file and will Clay							
15.	2	1 1	1 T PEN 1 4 1 Y	Soft, gray, moist, fine sandy silty CLAY.							
- *:			<u>'</u>								
······································		1 .									
	<u> </u>										
20											
<u></u>		dasi	crintions a	ary Log of Test Boring. Soil/Rock re derived from visual field Copy to Bridge Engineer Copy to Bridge Engineer							
DOT	FORM 35: REVISED	1-003 12/79 ide	ntification	s and laboratory tests. Copy to District Administrator							
				84W107 Sheet 50 of 57 Sheets Copy to							

Hole	Hole No. HX-16		S	ub Secti	on <u>3rd Lake Washington Floating Bridge</u> Sheet <u>2</u> of <u>6</u>
DEPTH	BLOWS PER FT.	PROF	LE TUB	MPLE E NOS.	DESCRIPTION OF MATERIAL
	2 -		1 1/ 12"	STD PEN 5	Soft, gray, moist, fine sandy silty CLAY.
25			C D	U- 6	
	7	V	2 3 4 4	STD PEN 7	Medium stiff, gray, moist, fine sandy silty CLAY.
30	34	A	9 18 16 18	STD PEN 8	Dense, gray, moist, very silty, fine gravelly, fine SAND - with a trace of medium to coarse sand.
35	33		29 15 18 18	STD PEN 9	Dense, gray, moist, very silty, fine gravelly, fine SAND - with a trace of medium to coarse sand.
40	19	7	9 10 9 14	STD PEN 10	Medium dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
45					

Hole	No	HX-16	Sub Section	n3rd_Lake_Washington_Floating_BridgeSheet3of_6
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	29		15 STD 14 PEN 15 11	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
50				
	35		19 A STD 17 PEN 18 12 15	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
55			11 A CTD	
	-33		11 STD 14 PEN 19 13 21 .	Dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel.
60				·
	17	*	13 STD 8 PEN 9 14 12	Medium dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel. Sand layer 61.9' to 62.2'
65				
	10	1	8 A STDa 4 PEN 6 V 15b 22 C	Loose, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel. Layer of loose, gray, wet, silty, fine gravelly, fine to coarse SAND. Medium dense, gray, moist, fine sandy SILT - with a trace of medium to coarse sand and fine gravel. (Glacial Till)
70				

Hole No. HX-16			Sub Section	n3rd_Lake_Washington_Floating_BridgeSheet4of6
DEPTH	BLOWS PER FT.	PROFILE	SÅMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	24		8 STD 10 PEN 14 16 15	Very stiff, gray, moist, fine sandy, silty CLAY.
 75		1		
	32		11 A STD 15 PEN 17 7 17	Hard, gray, moist, very silty, clayey, fine SAND.
		-		
80				
		-	CB T U-	
	. 32		11 A STD 14 PEN 18 19	Hard, gray, moist, laminated, clayey, fine sandy SILT. Stratum here has an approximate 75° dip.
85				
	34	-	9 A STD 15 PEN 19 20	Hard, gray, moist, clayey, fine sandy SILT. Laminated in places; contains 20° to 30° dip.
		4		
	 	-		
90	57		12 A STD 20 PEN 37 V 21	Hard, gray, moist, clayey, fine sandy SILT. Laminated in places.
		_		
95			<u> </u>	

Hole I	Hole No. HX-16 Su			b Section	3rd Lake Washington Floating Bridge	_ Sheet _	5	_ of	6
ÐÉPTH	BLOWS PER FT.	PROFILE	SAN TUBE	PLE NOS.	DESCRIPTION OF MATERIAL				,,,,,,,,,tt
	69		17 25 44	STD PEN 22	Very hard, gray, moist, clayey, fine sandy SII Laminated in places.	т.			
100	81		17 33 48	STD PEN 23	Very hard, gray, moist, slightly clayey SILT.				
105	- 68		14 26 42	STD PEN 24	Very hard, gray, moist, slightly clayey SILT.				
110	126		23 38 88	STD PEN 25	Very hard, gray, moist, slightly clayey SILT.				· · · · · · · · · · · · · · · · · · ·
115									
	141/11		27 41 100/\ 5"	STD PEN 26	Very hard, gray, moist, slightly clayey SILT.				
120									

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DOT FORM 351-003A

Hole I	۷o. <u>H</u> ک	<u> </u>	Sub Section	n <u>3rd Lake Washington Floating Bridge</u> Sheet <u>6</u> of <u>b</u>
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
121	100/ 10"	Y	27 ASTD 50 PEN 50/4" 27	Very dense, gray, moist SILT.
			•	Test boring stopped at 121.8' below ground elevation.
		-		
		-		
		-		
		_		

LOG OF TEST BORING

	S.H	S.н	1-90 SECT	UN						
Hole	Hole No. <u>HX-17</u> Sub Section <u>3rd Lake Washington Floating Bridge</u> Cont. Sec. <u>1704</u>									
Station L ^L 198+41 Offset 60' Rt. Ground El. 14.5'										
Туре	of Boring_	Hollow	Stem Auger	Casing Auger 43.5' W.T. El. 9.5'						
Inspe	ctor	···		DateApril 27, 1983 Sheet _ 1 of _ 2						
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL						
		1		Dark brown TOPSOIL.						
				Brown, dry, slightly silty, gravelly, fine to coarse SAND.						
		<u> </u>								
5	67	 	18 A STD 27 PEN 40 1	Very dense, brown, moist, fine sandy SILT - with a trace of medium sand and gravel.						
		1								
		A								
			14 A STD 32 PEN	Very dense, gray, moist, fine to medium sandy SILT - with a trace of coarse sand and grave].						
10	89		57 🕴 2							
., 1										
			16 ▲ STD	Very dense, gray, moist, fine to medium sandy SILT - with						
. 15	63		25 PEN · 38 7 3	a trace of coarse sand and gravel.						
· · · · · · · · · · · · · · · · · · ·		-								
		1								
20	70/6"	1	27 A STD 70 PEN 4	Very dense, black, gray, moist, highly organic, decomposed, fine sandy SILT - with fine sand partings and peat lenses.						
<u> </u>		des	criptions a	ary Log of Test Boring. Soil/Rock re derived from visual field Copy to Bridge Engineer Copy to Bridge Engineer						
DOT	FORM 35 REVISED	1-003 ide	ntification	s and laboratory tests. Copy to District Administrator 84W107 Sheet 56 of 57 Sheets						
				Copy to						

Hole	Hole No. HX-17		Sub Section	3rd Lake Washington Floating Bridge Sheet 2 of 2				
DEPTH	BLOWS PER FT.	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL				
			25 ♠STD	Vony donos mais sistematical si				
25	93/		25 ▲STD 43 ▼PEN 50/3" 5	Very dense, gray, moist, fine sandy SILT - with fine sand pockets and partings and a trace of decomposed material.				
	9		50/3" 5					
	 							
20		1 1	40 A STD 43 PEN	Very dense, gray, moist, very silty, fine to medium SAND - with a trace of coarse sand and fine gravel.				
30	97		54 V 6	Simb - with a trace of coarse said and time gravel.				
			30 ▲ STD	Very dense, gray, wet, silty, fine to medium SAND.				
35	76		35 PEN 41 7					
_ <u></u>								
		A						
			35 ♠ STD	Very dense gray dry highly organic fine conduction				
40	87/ 6"		87 ▼ PEN	Very dense, gray, dry, highly organic, fine sandy SILT - with fine sand partings and a 2" lense of peat at 40'.				
			8					
- · 			24 STD 37 PEN	Very dense, gray, moist SILT - with vertical fine sand layers and decomposed material.				
45	127		90 \$ 9	Test boring stopped at 45.0' below ground elevation.				

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